International Application No. PCT/KR00/00535

Date: November 20, 2001

Page 1

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 USC 371

International Application No.:

PCT/KR00/00535

International Filing Date:

May 25, 2000

Priority Date Claimed:

May 26, 1999

Title of Invention:

A METHOD FOR IDENTIFYING DNA MUTATION USING MICROWELL

AND KIT THEREFOR

Applicant(s) for DO/EO/US:

Seung-Yong Hwang; Jin-Wook Jung; Cheol-Min Kim

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. (x) This is a FIRST submission of items concerning a filing under 35 USC 371.
- 2. () This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 USC 371.
- 3. (x) This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).
- 4. (x) A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- 5. (x) A copy of the International Application as filed (35 USC 371(c)(2))
 - a) () is transmitted herewith (required only if not transmitted by the International Bureau).
 - b) (x) has been transmitted by the International Bureau.
 - c) (x) a copy of Form PCT/1B/308 is enclosed.
 - d) () is not required, as the application was filed in the United States Receiving Office (RO/US).
- 6. () A translation of the International Application into English (35 USC 371(c)(2)).
- 7. (x) Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
 - a) () are transmitted herewith (required only if not transmitted by the International Bureau).
 - b) () have been transmitted by the International Bureau.
 - c) () have not been made; however, the time limit for making such amendments has NOT expired.
 - d) (x) have not been made and will not be made.
- 8. () A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
- 9. (x) An oath or declaration of the inventor(s) (35 USC 371(c)(4)).
- 10. (x) A copy of the International Preliminary Examination Report with any annexes thereto, such as any amendments made under PCT Article 34.

U.S. Application No.

Unknown

the first first and the first of the second of the second

09/979545 JC1 Sec'd PCT/PTO 2 0 NOV 2001 Attorney Docket No. HYLEE61.001APC

International Application No. PCT/KR00/00535

| 1. | () | A translation of the annexes, such as any amendments made under PCT Article 34, to t International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)). | | | | | |
|---|--|---|---|-----------------------------------|-------------|---------------------------------------|--|
| 2. | (x) An Information Disclosure Statement and PTO Form 1449 with 22 references (inclu CFR 1.97 and 1.98. | | | | | | |
| 3. | (x) | and 3.31 is included. (x) A FIRST preliminary amendment. | | | | | |
| 4. | (x) () | | | | | | |
| 5. | A power of attorney and/or address letter. (x) International Application as published. (x) The present application qualifies for small entity status under 37 C.F.R. § 1.27. | | | | | | |
| 6. | | | | | | | |
| 17. | | | | | | | |
| 18. | | | | | | | |
| 19. | | | | | | | |
| 20. | (x) | The following for | ees are submitted: | | | FEES | |
| | | | BASIC FEE | | | \$1,040 | |
| CLAIMS | | | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total Claims | | | 18 - 20 = | 0 × | \$18 | \$0 | |
| Independent Claims | | | 2 - 3 = | 0 × | \$84 | \$0 | |
| Mult | iple depe | ndent claims(s) (if a | pplicable) | | \$280 | \$0 | |
| | | | TOTAL OF AB | OVE CALCULATI | ONS \$1,040 | | |
| Redu state | ction by nent mus | 1/2 for filing by sm t also be filed. (NC | all entity (if applicab OTE 37 CFR 1.9, 1.27 | le). Verified Small E 7, 1.28) | ntity \$520 | · · · · · · · · · · · · · · · · · · · | |
| TOTAL NATIONAL FEE TOTAL FEES ENCLOSED amount to be refunded: amount to be charged: | | | | | | \$520 | |
| | | | | | | \$520 | |
| | | | | | | \$ \$ | |

- A check in the amount of \$520 to cover the above fees is enclosed. 21. (x)
- Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be 22. (x) accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property.

U.S. Application No. Unknown



International Application No. PCT/KR00/00535

09/979545
JC19 Bec'd PCT/PTO 2 0 NOV 2001
Attorney Docket No.
HYLEE61.001APC

Date: November 20, 2001

Page 3

- The following forms are provided herewith: 23. (x) PCT/ISA/210 PCT/RO/101 (x) (x) (x) PCT/IB/301 (x) PCT/IB/304 PCT/IB/332 (x) PCT/IPEA/402 (x) PCT/IPEA/416 (x)
- 24. (x) Paper copy of sequence listing; computer readable diskette containing sequence listing.
- 25. (x) The Commissioner is hereby authorized to charge only those additional fees which may be required, now or in the future, to avoid abandonment of the application, or credit any overpayment to Deposit Account No. 11-1410.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

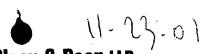
SEND ALL CORRESPONDENCE TO:

Che Swyden Chereskin, Ph.D.

Reg. No. 41,466 Customer No. 20,995

H:\DOCS\CSC\CSC-2672.DOC

The state of the s



JC1 09/979545

JC1 09/979545

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

620 Newport Center Drive Sixteenth Floor Newport Beach, CA 92660 Tel 949-760-0404 Fax 949-760-9502 www.kmob.com

NOV 2 0 2001

Assistant Commissioner for Patents PO Box 2327 Arlington, VA 22202

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. :

HYLEE61.001APC

Applicant(s)

Seung-Yong Hwang; Jin-Wook Jung; Cheol-Min Kim

For

A METHOD FOR IDENTIFYING DNA MUTATION

USING MICROWELL AND KIT THEREFOR

Attorney

Che Swyden Chereskin, Ph.D.

"Express Mail"

Mailing Label No.

EL 901403155 US

Date of Deposit

November 20, 2001

I hereby certify that the accompanying

Transmittal; Demand; Copy of International Application in 27 pages; Preliminary Amendment in 2 pages; signed Declaration and Power of Attorney in 3 pages; Information Disclosure Statement, PTO Form 1449 with 22 references; Assignment and Recordation Form Cover Sheet in 3 pages; Small Entity Statement; Form PCT/IB/301; Form PCT/IB/304; Form PCT/IB/308; Form PCT/IB/332; Form PCT/ISA/210; Form PCT/IPEA/402; Form PCT/IPEA/409; Form PCT/IPEA/416; Paper copy of sequence listing; Computer Readable Diskette containing sequence listing; Check for Filing Fee; Check for Assignment Recordation; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

H:\DOCS\CSC\CSC-2673.DOC 112001

> San Diego 619-235-8550

San Francisco 415-954-4114 Los Angeles 310-551-3450

Riverside 909-781-9231